

Title (en)

ARC CHAMBER FOR A LOW-VOLTAGE SWITCHING DEVICE

Title (de)

LICHTBOGENKAMMER FÜR NIEDERSpannungSSCHALTVORRICHTUNG

Title (fr)

CHAMBRE À ARC POUR DISPOSITIF DE COMMUTATION BASSE TENSION

Publication

EP 3782179 A1 20210224 (EN)

Application

EP 18720554 A 20180419

Priority

EP 2018060104 W 20180419

Abstract (en)

[origin: WO2019201446A1] An arc chamber 10, 20, 30, 40, 50 for a low voltage switching device comprising an insulating casing 1, having a first and a second lateral walls 2,3, a rear and a front wall 4,5, that defines an internal space housing a number of arc-breaking plates, a top wall 6 of said casing having a discharge opening 101 for venting off the gases from said internal space, said discharge opening 101 being covered by a top cover 7, 37, 47, 57. The arc chamber for a low voltage switching device comprises a filter 11, 21, 31, 41, 51 made of an open cell metal foam is positioned at said discharge opening 101.

IPC 8 full level

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CPC (source: EP US)

H01H 9/342 (2013.01 - EP US); **H01H 73/18** (2013.01 - US); **H01H 73/18** (2013.01 - EP); **H01H 2009/347** (2013.01 - EP US)

Designated contracting state (EPC)

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